

Table ENG-3. - Building Site Development

Rappahannock County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AbB:							
Albemarle	85	Not limited		Somewhat limited		Somewhat limited	
				Depth to hard bedrock	0.88	Slope	0.13
				Depth to soft bedrock	0.04		
AbC:							
Albemarle	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Depth to hard bedrock	0.88	Slope	1.00
				Slope	0.37		
				Depth to soft bedrock	0.04		
Ad:							
Alluvial land	85	Very limited		Very limited		Very limited	
		Flooding	1.00	Flooding	1.00	Flooding	1.00
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Wehadkee	5	Not Rated		Not Rated		Not Rated	
At:							
Altavista	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	1.00	Depth to saturated zone	0.39
Au:							
Augusta	85	Somewhat limited		Very limited		Somewhat limited	
		Depth to saturated zone	0.98	Depth to saturated zone	1.00	Depth to saturated zone	0.98
Roanoke	5	Not Rated		Not Rated		Not Rated	
Be:							
Belvoir	85	Very limited		Very limited		Very limited	
		Depth to thick cemented pan	1.00	Depth to saturated zone	1.00	Depth to thick cemented pan	1.00
		Depth to saturated zone	0.98	Depth to thick cemented pan	1.00	Depth to saturated zone	0.98
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Worsham		Not Rated		Not Rated		Not Rated	
BgB:							
Brandywine	85	Not limited		Not limited		Somewhat limited	
						Slope	0.13

BgC:

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BgC:							
Brandywine	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
BgD:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
BoC:							
	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
BoD:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
BoE:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
BrC:							
Brandywine	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
BrD:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
BrE:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
BwC2:							
Brandywine	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
BwD2:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
ByC:							
Brandywine	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
ByD:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
ByE:							

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ByE:							
Brandywine	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Bz:							
Buncombe	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
Wet spots		Not Rated		Not Rated		Not Rated	
CaE:							
Catoclin	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Depth to hard bedrock	0.16	Depth to hard bedrock	1.00	Depth to hard bedrock	0.16
				Depth to soft bedrock	0.46		
CdB:							
Chester	85	Not limited		Not limited		Somewhat limited Slope	0.13
CdC2:							
Chester	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
CeB2:							
Chester	70	Not limited		Not limited		Somewhat limited Slope	0.13
Brandywine	30	Not limited		Not limited		Somewhat limited Slope	0.13
CeC2:							
Chester	60	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Brandywine	40	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Ch:							
Chewacla	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
Wehadkee	5	Not Rated		Not Rated		Not Rated	
Co:							
Congaree	85	Very limited Flooding	1.00	Very limited Flooding	1.00	Very limited Flooding	1.00
				Depth to saturated zone	0.90		

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CpC3: Culpeper	85	Somewhat limited Shrink-swell Slope	 0.50 0.37	Somewhat limited Shrink-swell Slope	 0.50 0.37	Very limited Slope Shrink-swell	 1.00 0.50
CpD3: Culpeper	85	Very limited Slope Shrink-swell	 1.00 0.50	Very limited Slope Shrink-swell	 1.00 0.50	Very limited Slope Shrink-swell	 1.00 0.50
CuB: Culpeper	85	Somewhat limited Shrink-swell	 0.50	Somewhat limited Shrink-swell	 0.50	Somewhat limited Shrink-swell Slope	 0.50 0.13
CuC2: Culpeper	85	Somewhat limited Shrink-swell Slope	 0.50 0.37	Somewhat limited Shrink-swell Slope	 0.50 0.37	Very limited Slope Shrink-swell	 1.00 0.50
DyB: Dyke	85	Somewhat limited Shrink-swell	 0.50	Somewhat limited Shrink-swell	 0.50	Somewhat limited Shrink-swell Slope	 0.50 0.13
DyC2: Dyke	85	Somewhat limited Shrink-swell Slope	 0.50 0.37	Somewhat limited Shrink-swell Slope	 0.50 0.37	Very limited Slope Shrink-swell	 1.00 0.50
EbC: Eubanks	50	Somewhat limited Slope	 0.37	Somewhat limited Slope	 0.37	Very limited Slope	 1.00
Brandywine	30	Somewhat limited Slope	 0.37	Somewhat limited Slope	 0.37	Very limited Slope	 1.00
EbD2: Eubanks	50	Very limited Slope	 1.00	Very limited Slope	 1.00	Very limited Slope	 1.00
Brandywine	30	Very limited Slope	 1.00	Very limited Slope	 1.00	Very limited Slope	 1.00
EcB: Eubanks	50	Not limited		Not limited		Somewhat limited Slope	 0.13
Chester	30	Not limited		Not limited		Somewhat limited Slope	 0.13

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EcC:							
Eubanks	50	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Chester	30	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
EIB3:							
Eubanks	50	Not limited		Not limited		Somewhat limited Slope	0.13
Lloyd	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
EIC3:							
Eubanks	50	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Lloyd	50	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
EID3:							
Eubanks	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Lloyd	50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50	Very limited Slope Shrink-swell	1.00 0.50
EuB:							
Eubanks	50	Not limited		Not limited		Somewhat limited Slope	0.13
Lloyd	50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
EuC2:							
Eubanks	50	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
Lloyd	50	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
EyD2:							
Eubanks	50	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EyD2:							
Lloyd	30	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
HaC:							
Halewood	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
HaD:							
Halewood	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HaE:							
Halewood	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HeC:							
Hazel	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
HeD:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HeE:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HsD:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HsE:							
Hazel	85	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
HtB3:							
Hiwassee	85	Not limited		Not limited		Somewhat limited	
						Slope	0.13
HtC3:							
Hiwassee	85	Somewhat limited		Somewhat limited		Very limited	
		Slope	0.37	Slope	0.37	Slope	1.00
HwB:							
Hiwassee	85	Not limited		Not limited		Somewhat limited	
						Slope	0.13
HwC:							

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HwC:							
Hiwassee	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
LoC:							
Louisburg	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
LoD:							
Louisburg	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
LsE:							
Louisburg	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
LyC:							
Louisburg	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
LyD:							
Louisburg	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Ma:							
Made land	85	Not Rated		Not Rated		Not Rated	
Me:							
Meadowville	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to saturated zone Shrink-swell	0.61 0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Worsham		Not Rated		Not Rated		Not Rated	
MyC:							
Myersville	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
MyD:							
Myersville	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
PoB:							
Porters	85	Not limited		Somewhat limited Depth to hard bedrock	0.96	Somewhat limited Slope	0.88
PoC:							

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
PoC:							
Porters	85	Somewhat limited Slope	0.37	Somewhat limited Depth to hard bedrock Slope	0.96 0.37	Very limited Slope	1.00
PoD:							
Porters	85	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock	1.00 0.96	Very limited Slope	1.00
PoE:							
Porters	85	Very limited Slope	1.00	Very limited Slope Depth to hard bedrock	1.00 0.77	Very limited Slope	1.00
RaE:							
Ramsey	85	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00	Very limited Slope Depth to hard bedrock	1.00 1.00
Rd:							
Riverwash	85	Not Rated		Not Rated		Not Rated	
Wet spots		Not Rated		Not Rated		Not Rated	
Re:							
Roanoke	85	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50	Very limited Depth to saturated zone Shrink-swell	1.00 0.50
RkD:							
Rock land	85	Not Rated		Not Rated		Not Rated	
RkE:							
Rock land	85	Not Rated		Not Rated		Not Rated	
RoD:							
Rock land	85	Not Rated		Not Rated		Not Rated	
RoE:							
Rock land basic	85	Not Rated		Not Rated		Not Rated	
Rp:							
Rock outcrop	85	Not Rated		Not Rated		Not Rated	
Sa:							
Stony alluvial land	85	Not Rated		Not Rated		Not Rated	
Sc:							

Table ENG-3. - Building Site Development - Continued

Rappahannock County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Sc:							
Stony colluvial land	85	Not Rated		Not Rated		Not Rated	
StB:							
Stony local alluvial land	85	Not limited		Not limited		Somewhat limited Slope	0.13
StC:							
Stony local alluvial land	85	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37	Very limited Slope	1.00
StD:							
Stony local alluvial land	85	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
UcB:							
Unison	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
UcC:							
Unison	85	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
UnB:							
Unison	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
UnC2:							
Unison	85	Somewhat limited Shrink-swell Slope	0.50 0.37	Somewhat limited Shrink-swell Slope	0.50 0.37	Very limited Slope Shrink-swell	1.00 0.50
UpB:							
Unison variant	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Slope	0.50 0.13
Ve:							
Very rocky land	85	Not Rated		Not Rated		Not Rated	
We:							
Wehadkee	85	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
WhB:							

Table ENG-3. - Building Site Development - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Dwellings without Basements		Dwellings with Basements		Small Commercial Buildings	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WhB: Wickham	85	Not limited		Not limited		Somewhat limited Slope	0.13
Wo: Worsham	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50
Ws: Worsham	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Shrink-swell	0.50	Shrink-swell	0.50	Shrink-swell	0.50